# Mohave County Miner.

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almost immediately. What is the meaning of it?

The output of copper has for twentyfive years past been steadily and almost uniformly increasing at the rate that coal producers in this country of ten per cent per annum. Yet at no are preparing to convert their coal time in recent years have stocks, eith- into power at the mines and to trans- tric lights in every room, in every unproven prospect, outcropping on the feet of diamond drill holes, and there er in this country or abroad, been so mit this electrically to consuming closet, in every dark corner. Instead surface, in such a position as to require are similar spots scattered along the low. There are under promising development great numbers of copper coal to the same points. It has been Mr. Hillman has an electric switch ing till we have gone well down be- are thousands of holes in the Menomprospects some of them huge as to determined that, within certain liminext to his bed by pushing which he low the oxidized zone into the unox- inee and Marquette ranges. The the quantity of ore exposed. In Alas- tations of distance, the energy of coal can turn on every light in his house. idized and obtained some idea of its Cleveland Cliffs Company had six drills ka, through British Columbia, Oregon, may be more cheaply delivered through This would terrify any thief more probable permanent character and fu-Utah, California, Arizona, and into copper wires, than the coal itself can than a dozen revolvers. In the sew-Mexico, copper mines are producing be delivered over steel rails. This ing room a machine run by an electric ment, etc. and others are being prepared for pro- principle, logically carried out, will motor saves endless trouble. duction. Nevada is to be added to the cause the establishment of power The dining room has an electric pect to prove it up, whether it be by Clergue Syndicate bored a hole 2,400 list of copper states. Montana is increasing its output and Michigan is from coal producing areas, and where percolator, and a luminous radiator. or four men at most, to break muck the deepest hole probably ever put holding its own. And still stocks de- no water power is available) along The bath room is an astonishing place. and holst with a common windlass and down in the region. During the past crease, orders are hooked for months main lines of transportation, and at An electric immersion coil heats the bucket for 50 to 100 feet; then this may ahead and the price climbs. It is no seaport towns, whence power may be water, when the house furnace is shut be replaced by a horse whim which vival in diamond drilling, and at the ordinary demand that has made postransmitted to consuming points. In down in summer. There is a little will carry the shaft down to 200 feet. sible so extraordinary a condition.

by a vast economy is to be applied. The industries of manufacturing nations are based upon motive power, which has until recently been another name for coal. Modern progress and civilization have centered in those countries which have produced coal most abundantly. Next to gold, which buys all things, cheap power is most essential to prosperity, for to it come raw materials, and men to work them, and commerce and profit. While coal was the cheapest source of power, it was king. It is so no longer.

The harnessing of Niagara Falls marked the beginning of a new era in industrial history, to the development of which copper in vast quantity is essential. The energy of water, flowing under pressure and generating electricity to be transmitted through copper wires to distant consuming points, and there converted into power, was demonstrated to be, within certain distances, cheaper than coal generated steam power.

It became at once evident that throughout the world, in every country possessed of mountains and streams. there is available an inexhaustible source of power and heat. The manufacturing nations are busily developing the energy of their streams for industrial purposes, and the power so derived has become the successful competitor of coal, is upbuilding new manufacturing centers within reach of ion lines, is undermining of living in homes. the prosperity of old centers too distant to be served by them. Water power, electrically transmitted, must hereafter be a prime factor in industrial progress for its economy reduces the cost of production. It cannot be disputed that the manufacturing na-

tions will develop, to the fullest ex-Nineteen cents a pound is today the tent, every available water power the world will be fully equipped with crosscut tunnel is only legitimate price of copper, and Boston authori- within their borders; and that for electricity for lighting, heating and when a vein or series of veins have total of 7,000,000 feet or better. In a ties state that it will be twenty cents transmission purposes alone, an incalcuble tonnage of copper will be re- now used. The greater cleanliness, feet both in depth and laterally, and range, there are 400 holes, and probquired.

ning of an industrial revolution, where- less degree in many other countries, "electric home" is the kitchen, where whether or not your prospect is going World. international trade competition.

> plants and trolley systems are paltry. ing an incandescent lamp in the back ing which has been done in the Lake Copper producers are straining every of the oven.—Redlands Citrograph. resource to increase their output, and the copper areas are being diligently explored for new mines. They are needed-nor can too many be found .-

## An Electric Home.

Engineers say this will be an "elecdescent and other new styles of elec-

wonderland of marvels. The owner,

not far distant when homes all over Planned out on the prospectus, a long 20,000 drill holes, averaging in the healthfulness, safety and convenience considerable ore developed and on ac- ably more than that number in the Nor is this all. So serious has be- of electricity as compared to gas, will, count of the presence of water it can immediate vicinity, all drilled by the come the competition of water power he contends, result in the universal be worked cheaper by a crosscut tunuse of electricity.

such systems are fast becoming matters every article of food cooked gets its to amount to anything and to warrant of necessity for the maintenance of heat from electricity. There is no the erection of a plant and steam hoist. kitchen stove, and all the devices for You may now also be in condition to Such is the industrial revolution the cooking rest on an ordinary wooden get some idea as to whether it will world is facing today. Though it has table. The outfit includes an oven, warrant a mill of some kind and may already begun, its accomplishment will cereal cooker, frying pan, vegetable consider the best process of treatment take many years. It means that hence- boiler, gridiron and meat boiler. The to be used, such as smelting, cyanidforth, and increasingly, the rivers of oven has a regulating switch for se- ing, pyritic smelting, etc.-Mines and the earth are to furnish light, heat curing high, low and medium grades Minerals for April. and power through countless miles of of heat, by a turn of the handle. In copper wire. It means that the energy size it is about the same inside dimenof coal must be transmitted, wherever sions as the old style kitchen stove. transportation of the coal itself may be A novel feature of this oven is two drilling purposes are now selling above avoided-and through copper wire. glass windows in the door, through 70% a karat, when 30 years ago, in the It means a consumption of copper com- which meat or bread may be seen infancy of the trade, they could be pared to which the demands for tele- cooking, without opening the oven, bought for 5%, serves to call attention graph and telephone lines, lighting This arrangement is secured by plac- to the great amount of diamond drill-

### Crosscut Tunnels.

In a region in which there may be several other veins, most of them unimportant or valueless, those running the crosscut tunnels are liable to be liver-and all the fine spirits ever puzzled as to which of the veins en. made in the Blue Grass state could not countered is their particular vein on remedy a bad liver or the hundred and tric year." Electricity is soon to op- which they ought to stope or unraise one ill effects it produces. You can't erate all the railroads in and around to the surface. The vein at a depth of have good spirits and a bad liver at New York City. It is sending the several hundred feet may look as poor the same time. Your liver must be in trolley car and the telephone to the and so different from that on the sur- a fine condition if you would feel buoyremotest rural districts. The incan- face, or may have resolved itself into ant, happy and hopeful, bright of eye, a mere silt in the rock or a pinch con- light of step, vigorous and successful tric light are everywhere supplanting taining, locally, no vein or ore matter, in your pursuits. You can put your the old fashioned gas or oil street that it is not recognized by the tunnel liver in fine condition by using Green's lamp. And now the mystic current diggers and they go marching on into August Flower-the greatest of all has begun to revolutionize conditions the country; or the dip may have medicines for the liver and stomach changed or the vein be so faulty that and a certain cure for dyspepsia or in-The first "electric home" has just it is not found at the place where it been completed in one of the cities of was shown by the survey of the mine household remedy for over thirty-five upper New York state. This home is supposing that survey was ever made years. August Flower will make your equipped with almost every modern as it very often is not. Crosscut tun-liver healthy and active and thus inelectrical device, and it is a varitable nels generally prove much larger and sure you a liberal supply of "good spircost much more than was bargained its." Trial size, 25c.; regular bottles. H. W. Hillman, believes the time is for when they were first contemplated. | 75c. At all druggists.

nel than by a shaft. The proper course, On three 40-acre tracks of the famous

All that is needed on a young pros-

#### Black Diamonds Costly.

The fact that black diamonds for Superior iron region. On the Mesaba alone there are probably more than

#### Good Spirits.

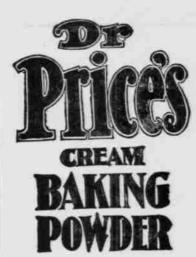
Good spirits don't all come from Kentucky. Their main source is the digestion. It has been a

neighborhood of 350 feet in depth, or a This remarkable dwelling has elec- as we have said, to pursue on a young Section 30 property there are 15,000 on the Marquette range that the present time there are more drills in many parts of the United States, in boiler to supply hot water for shaving. By this time, and after you have done commission than ever before in the England, Germany, Belgium, and in One of the greatest features of this a little drifting, you will get to know history of the iron ore fields.-Mining

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